

Applicant: Everett Simons
For: Robust, Low-Resistance Elastomeric Conductive Polymer Interconnect

ABSTRACT

An elastomeric device for electrically interconnecting two or more components,
5 and a method for making the device. The device comprises an elastomeric matrix having
one or more outer surfaces, and one or more electrically conductive pathways through the
matrix, wherein at least a portion of the electrical pathway contains a material that is an
electrically conductive liquid at the elastomeric device's operating temperature.